IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Min re the Application of

Derek J. Harper and Charles F. Milo

Serial No.: 10/685,291

Filed: October 14, 2003

For: IMPLANTABLE OSMOTIC PUMP

Docket No.: MICR5701CON

Examiner: Not Assigned

Group Art Unit: Not Assigned

Confirmation No.: Not Assigned

Customer No.: 22430

INFORMATION DISCLOSURE

STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicants wish to bring to the attention of the Patent Office the references listed on the attached modified form PTO-1449 and request them to be considered by the Examiner. Each of the references cited on the attached was previously cited by or submitted to the PTO in prior application Serial No. 09/838,662, filed April 19, 2001 and, therefore, no copies are enclosed herewith.

This information disclosure statement is being filed under 37 C.F.R. §1.97(b)(3), therefore, no fee is due with this communication.

By:

Respectfully submitted,

Date: April 16 2004

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Nito I Miller

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Modified Form PTO-1449

Information Disclosure Statement By Applicant

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Atty. Docket No.:	MICR5701CON
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First Named Inventor:	Derek J. Harper
Group No.:	Not Assigned
Examiner:	Not Assigned

U.S. PATENT DOCUMENTS

Ex'r Initials	Ref. No.	Patent No.	Issue Date	Applicant	Class/Subclass
LA I IIIIIIII	*A1	3604417			
	*A2	3760984	Sep., 1971	Stolzenberg	128/213.
	*A3	3845770	Sep., 1973	Theeuwes.	
	*A4	3916899	Nov., 1974 Nov., 1975	Theeuwes.	
	*A5	3977404		Theeuwes.	
	*A6	3987790	Aug., 1976	Theeuwes.	
			Oct., 1976	Eckenhoff.	
	*A7 *A8	4008719	Feb., 1977	Theeuwes.	
			Mar., 1977	Theeuwes.	100/214
	*A9	4031891	Jun., 1977	Jess	128/214.
	*A10 *A11	4034758	Jul., 1977	Theeuwes.	
		4036227	Jul., 1977	Zaffaroni.	
·	*A12	4036228	Jul., 1977	Theeuwes.	
	*A13	4058122	Nov., 1977	Theeuwes.	
	*A14	4077407	Mar., 1978	Theeuwes.	
	*A15	4093708	Jun., 1978	Zaffaroni.	
	*A16	4096238	Jun., 1978	Zaffaroni.	
	*A17	4111201	Sep., 1978	Theeuwes.	
	*A18	4111202	Sep., 1978	Theeuwes.	
	*A19	4111203	Sep., 1978	Theeuwes.	
	*A20	4116241	Sep., 1978	Theeuwes.	
 	*A21	4135514	Jan., 1979	Zaffaroni.	
	*A22	4142526	Mar., 1979	Zaffaroni.	
	*A23	4160020	Jul., 1979	Ayer.	
	*A24	4160452	Jul., 1979	Theeuwes.	
	*A25	4193398	Mar., 1980	Refson.	
	*A26	4200098	Apr., 1980	Ayer.	
	*A27	4203439	May., 1980	Theeuwes.	
	*A28	4256108	Mar., 1981	Theeuwes.	
J	*A29	4265874	May., 1981	Bonsen.	
	*A30	4278087	Jul., 1981	Theeuwes.	
	*A31	4285987	Aug., 1981	Ayer.	
	*A32	4298003	Nov., 1981	Theeuwes.	
	*A33	4327725	May., 1982	Cortese.	
	*A34	4344929	Aug., 1982	Bonsen.	
	*A35	4379203	Apr., 1983	Koszytorz	174/15.
	*A36	4410328	Oct., 1983	Theeuwes.	
	*A37	4449983	May., 1984	Cortese.	
	*A38	4455143	Jun., 1984	Theeuwes.	
	*A39	4455145	Jun., 1984	Theeuwes.	
	*A40	4503030	Mar., 1985	Edgren.	
	*A41	4552561	Nov., 1985	Eckenhoff.	
	*A42	4576604	Mar., 1986	Guittard.	
	*A43	4578075	Mar., 1986	Urquhart.	
	*A44	4587117	May., 1986	Edgren.	
	*A45	4608048	Aug., 1986	Cortese.	
	*A46	4610686	Sep., 1986	Ayer.	
	*A47	4612008	Sep., 1986	Wong.	
	*A48	4615698	Oct., 1986	Guittard.	
	*A49	4619652	Oct., 1986	Eckenhoff.	
	*A50	4627850	Dec., 1986	Deters.	
	*A51	4627851	Dec., 1986	Wong.	

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U.S. PATENT DOCUMENTS CONT'D

Ex'r Initials	Ref. No.	Patent No.	Issue Date	Applicant	Class/Subclass
	*A52	4655766	Apr., 1987	Theeuwes.	
	*A53	4673405	Jun., 1987	Guittard.	
	*A54	4685918	Aug., 1987	Amidon.	
	*A55	4705515	Nov., 1987	Wong.	
	*A56	4711251	Dec., 1987	Stokes.	
	*A57	4723958	Feb., 1988	Pope.	
	*A58	4732915	Mar., 1988	Ayer.	
	*A59	4751071	Jun., 1988	Magruder.	
	*A60	4756314	Jul., 1988	Eckenhoff.	
	*A61	4765989	Aug., 1988	Wong.	
	*A62	4777049	Oct., 1988	Magruder.	
	*A63	4783337	Nov., 1988	Wong.	
	*A64	4783413	Nov., 1988	Suter.	
	*A65	4837111	Jun., 1989	Deters.	
	*A66	4851228	Jul., 1989	Zentner.	
	*A67	4851229	Jul., 1989	Magruder.	
	*A68	4865845	Sep., 1989	Eckenhoff et al.	424/424.
	*A69	4880631	Nov., 1989	Haslam.	
	*A70	4886668	Dec., 1989	Haslam.	
	*A71	4898582	Feb., 1990	Faste.	
	*A72	4968507	Nov., 1990	Zentner.	
	*A73	4976966	Dec., 1990	Theeuwes.	
	. *A74	5030216	Jul., 1991	Theeuwes.	
	*A75	5151093	Sep., 1992	Theeuwes.	
	*A76	5169390	Dec., 1992	Athayde.	
	*A77	5257987	Nov., 1993	Athayde.	
	*A78	5273752	Dec., 1993	Ayer.	
	*A79	5279608	Jan., 1994	Cherif Cheikh.	
	*A80	5312389	May., 1994	Theeuwes.	
	*A81	5318540	Jun., 1994	Athayde.	
	*A82	5324280	Jun., 1994	Wong.	
	*A83	5413572	May., 1995	Wong.	
	*A84	5492534	Feb., 1996	Athayde.	
	*A85	5562654	Oct., 1996	Smith.	
	*A86	5607696	Mar., 1997	Rivera.	
	*A87	5612059	Mar., 1997	Cardinal.	
	*A88	5672167	Sep., 1997	Athayde.	
	*A89	5698220	Dec., 1997	Cardinal.	
**********	*A90	5728396	Mar., 1998	Peery et al.	424/422.
	*A91	5795591	Aug., 1998	Lee.	
	*A92	5798119	Aug., 1998	Herbig.	
	*A93	5801188	Sep., 1998	Hassenbusch.	
	*A94	5827538	Oct., 1998	Cussler.	
	*A95	5869096	Feb., 1999	Barclay.	
	*A96	5869097	Feb., 1999	Wong.	
	*A97	5876752	Mar., 1999	Herbig.	
	*A98	5904934	May., 1999	Maruyama.	
•	*A99	5980509	Nov., 1999	Magruder.	
	*A100	5985305	Nov., 1999	Peery.	
	*A101	5997527	Dec., 1999	Gumucio.	
	*A102	6117125	Sep., 2000	Rothbarth et al.	604/523.

Modified Form PTO-1449 Atty. Docket No.: MICR5701CON Application No.: 10/685,291 Filing Date: October 14, 2003 **Information Disclosure Statement By Applicant** First Named Inventor: Derek J. Harper Group No.: Not Assigned Sheet 3 of 3 Examiner: Not Assigned FOREIGN PATENT DOCUMENTS Ex'r Initials Ref. No. Patent No. Country *B1 WO 00/54745 WO OTHER DOCUMENTS Ex'r Initials Ref. No. Description (Author, Title, Publication, Volume, Page Nos., Date) *C1 F. Theewes et al, Principles Of The Design and Operation Of Generic OsmoticPumps For The Delivery Of Semisolid Or Liquid Drug Formulations, Annals Of Biomedical Engineering, 4, pp. 343-353, 1976. *C2 Jon P. Monk, Rosemary Beresford and Alan Ward, Sufentanil: A Review Of Its Pharmacological And therapeutic Use, Drugs 36, pp. 286-313, 1988. *C3 F.P. Boersma, M.D.; H. Noorduin, M.SC. and G. Vanden Bussche, M.D., Epidural Sufentanil For Cancer Pain Control In Outpatients, Regional Anestehesia, Nov.-Dec. vol. 14, No. 6, pp. 293-297, 1989. *C4 Tim J. Lamer, M.D.; Symposium on Pain Management-Part II, Treatment Of Cancer-Related Pain: When Orally Administered Medications Fail, Mayo Clinic Proc., 69, pp. 473-480, 1994. T.F. Meert and M. DeKock, Potentiation Of The Analgesic Properties Of Fentanyl-Like *C5 Opioids With Alpha2-Adrenoceptor Agonists In Rats, Anesthesiology, Sep., 81(3), pp. 677-688, 1994. *C6 A. Paix, A. Coleman, J. Lees, J. Grigson, M. Brooksbank, D. Thorne and M. Ashby, Subcutaneous Fentanyl And Sufentanil Infusion Substitution For Morphine Intolerance In Cancer Pain Management, Pain, Nov.; 63(2), pp. 263-269, 1995. *C7 F. Mercier, M. Dounas, H. Bouaziz, V. Des Mesnard-Smaja, C. Foiret, M.N. Vestermann, M. Fischler and D. Benhamou, The Effect Of Adding A Minidose Of Clonidine To Intrathecal Sufentanil For Labor Analgesia, Anesthesiology, Sep. 89(3), pp. 594-601, 1998. *C8 Edith Mathiowitz; (Ed.), Encyclopedia of Controlled Drug Delivery, John Wiley & Sons vol. 2, pp. 896-920, 1999. *C9 Tony Yaksh(Ed.), Animal Models Of Intrathecal And Epidural Drug Delivery, Ch. 13, Spinal Drug Delivery, Elsevier Science, pp. 317-344, 1999. *C10 Tony Yaksh (Ed.), Mark Wallace, Human Spinal Drug Delivery: Methods and Technology,, Ch. 14, Spinal Drug Delivery, Elsevier Science, oo, 345-370, 1999. *C11 Alzet Osmotic Pumps, Reference from 1991-1998 On The Administration Of Opiods Using ALZET Osmotic Pumps (OPIO-Q4-99), pp. 1-13, World Wide Web. http://www.alzet.com/bibliography/bib pages/opio.htm (Printed on Oct. 13, 2000). **EXAMINER'S SIGNATURE DATE *CONSIDERED**

† EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Line through citation if not in conformance and not considered. *Include copy of this form in next communication to applicant.*

If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. 1.98(d).